

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Canceled)

2. (Currently Canceled)

3. (Currently Canceled)

4. (Currently Amended) ~~The control arrangement of claim 3, wherein~~

~~the harness arrangement includes~~ A control arrangement for a pull-type windrow merger adapted to be pulled along the ground by a tow vehicle having an electrical power supply, the pull-type windrow merger having a plurality of actuable functional assemblies

5 configured to interact and cooperate to selectively collect crop material from a first location on the ground, move the crop material laterally, and discharge the crop material in a second location on the ground, as the windrow merger is moved along the ground by the tow vehicle, the control assembly comprising:

a housing;

10 a controller disposed in the housing, wherein the controller includes a plurality of inputs, and wherein each of the controller inputs corresponds to one of the functional assemblies of the windrow merger; and

a harness arrangement configured to electrically connect the controller to the plurality of functional assemblies and to a power supply, wherein the harness

15 arrangement includes:

a first harness on the tow vehicle having a first connector configured to electrically connect to the controller, a second connector configured to electrically connect the controller to the power supply, and a third connector configured to

electrically connect to the plurality of functional assemblies on the pull-type windrow merger; and

_____ a second harness on the windrow merger configured to connect to the third connector of the first harness to communicate control signals from the controller to the functional assemblies of the windrow merger; and

_____ wherein the controller and the housing are remotely disposed relative to the pull-type windrow merger, wherein the controller is interconnected through the first and second harnesses with each of the functional assemblies of the windrow merger, and wherein each controller input is interconnected with and controls operation of a single one of the functional assemblies of the windrow merger,.

5. (Previously Amended) The control arrangement of claim 4, further including:

a hydraulic manifold disposed on the merger, the hydraulic manifold having a one or more solenoid valves configured to drive operation of the one or more functional assemblies, wherein the first and second harnesses communicate control signals from the controller to the one or more solenoid valves.

6. (Currently Amended) The control arrangement of claim 5, wherein the ~~hydraulic manifold~~second harness includes an additional connector configured to communicate control signals from the controller to a second hydraulic manifold having one or more solenoid valves.

7. (Currently Amended) The control arrangement of claim ~~4~~, wherein the controller includes a main switch configured to activate the control arrangement.

8. (Currently Amended) The control arrangement of claim ~~4~~, wherein the controller and housing are disposed on the tow vehicle.

9. (Currently Amended) The control arrangement of claim ~~4~~, wherein the housing includes a graphic visual display, and wherein the plurality of inputs of the controller each comprises a graphic representation on the visual display that corresponds to one of the functional assemblies of the windrow merger.

10. (Currently Amended) A windrow merger adapted to be pulled along the ground by a tow vehicle, comprising:

a frame;

a wheel assembly configured to movably support the frame above

5 the ground;

a plurality of functional assemblies supported by the frame, wherein the functional assemblies are configured to selectively collect crop material from a first location on the ground, move the crop material laterally, and discharge the crop material onto a second location on the ground, as the windrow merger is pulled along the ground by the tow vehicle; and

10 a hydraulic manifold disposed on the merger, the hydraulic manifold having a plurality of control valves, each of which is configured to drive operation of one of the functional assemblies; and

15 a control arrangement having a controller mounted on the tow vehicle, wherein the controller includes a plurality of inputs, and wherein each input is configured connected through one of the control valves and the manifold to one of the functional assemblies to control operation of a single one of the functional assemblies assembly.

11. (Currently Amended) The windrow merger of claim 10, wherein one of the functional assemblies comprises a lift assembly configured to raise or lower the windrow merger relative to the ground.

12. (Currently Amended) The windrow merger of claim 10, wherein one of the functional assemblies comprises a tow assembly having a tow arm configured to move the windrow merger inwardly or outwardly with respect to the tow vehicle.

13. (Currently Amended) The windrow merger of claim 10, wherein one of the functional assemblies comprises a conveyor assembly including:

a conveyor belt; and

a conveyor drive assembly, wherein the conveyor drive assembly is
5 configured to direct movement of the conveyor belt to selectively discharge the collected
crop material in either a leftward lateral direction or a rightward lateral direction onto the
second location on the ground.

14. (Currently Amended) The windrow merger of claim 17, wherein
one of the functional assemblies comprises a speed control assembly configured to vary
an operating speed of the merger.

15. (Currently Amended) The windrow merger of claim 17, wherein
the windrow merger includes a conveyor having a conveyor belt for moving the crop
material laterally, and wherein one of the functional assemblies comprises a bed shift
assembly configured to selectively change the lateral position of the conveyor belt
5 relative to the merger.

16. (Currently Amended) The windrow merger of claim 17, wherein
the windrow merger includes a conveyor having a conveyor belt for moving the crop
material laterally, and wherein one of the functional assemblies includes an extension
assembly including:

5 an extension conveyor having a discharge end; and
an extension lift assembly configured to raise or lower the extension
conveyor relative to the conveyor belt of the windrow merger between an inoperative
position and an operative position, wherein the extension conveyor in the operative
position cooperates with the conveyor belt to position the second location, at which crop
10 material is discharged from the discharge end of the extension conveyor, outwardly
relative to the conveyor belt of the conveyor assembly.

17. (Currently Amended) The windrow merger of claim 10, wherein the
control arrangement further includes:

a harness arrangement configured to electrically connect the
controller to the plurality of functional assemblies, wherein the harness arrangement
5 includes a first harness section on the tow vehicle that connects the controller to an

electrical power supply on the tow vehicle; and a second harness section on the windrow merger that connects to the first harness section and to the a plurality of solenoid valves to drive operation of the functional assemblies.

18. (Currently Canceled)

19. (Currently Canceled)

20. (Currently Canceled)

21. (Currently Amended) A method of controlling operation of a pull-type windrow merger having a plurality of actuatable functional systems and adapted to be towed by a tow vehicle having an operator's cab, comprising the steps of:

positioning a controller in the cab of the tow vehicle; and

5 interconnecting the controller with the functional systems of the windrow merger through a harness arrangement including a first harness section on the tow vehicle that is connected to the controller, and a second harness section on the windrow merger that connects to the first harness section and to a series of electrically operated control members carried on the windrow merger, wherein the series of electrically
10 operated control members control the flow of hydraulic fluid through a manifold carried by the windrow merger;

wherein the controller includes a plurality of inputs, wherein each input is interconnected with and is operable to control operation of a single one of the functional systems of the windrow merger through the control members.

22. (Currently Canceled)

23. (Currently Canceled)

24. (Currently Amended) The windrow merger of claim 10, wherein the controller includes a visual display, and wherein the plurality of inputs of the controller each comprises a graphic representation on the visual display that corresponds to one of the functional assemblies of the windrow merger.

25. (Currently Amended) The method of claim 21, wherein the controller includes a graphic visual display, and including the step of actuating each input of the

controller through a representation on the graphic visual display that corresponds to one of the functional assemblies of the windrow merger.